

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	221	(christopher near cline) or (edward near yarmchuk) or (vincent near arena) or (donald near merte) or (thomas near picunko) or (brian near wojszynski) or (charles near hendricks) or (michael near scaman) or (robert near olyha) or (arnold near halperin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:01
L2	2	1 and ionization source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:02
L3	372128	(IBM or international business machine \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:03
L5	146	3 and ionization source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:03
L6	149	1 and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:03

L7	103	5 and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:04
L8	79	7 and probes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:04
L9	100	(US-20070108984-\$).did. or (US-5347212-\$ or US-6954078-\$ or US-5472337-\$ or US-3603949-\$ or US-3631519-\$ or US-3667675-\$ or US-3705478-\$ or US-3719829-\$ or US-3753152-\$ or US-3766441-\$ or US-3832055-\$ or US-3866572-\$ or US-3900000-\$ or US-3916214-\$ or US-3940757-\$ or US-3944876-\$ or US-3987423-\$ or US-4038649-\$ or US-4042856-\$ or US-4062294-\$ or US-4091364-\$ or US-4119840-\$ or US-4132925-\$ or US-4139773-\$ or US-4170193-\$ or US-4221185-\$).did. or (US-4229080-\$ or US-4243917-\$ or US-4275432-\$ or US-4321507-\$ or US-4364031-\$ or US-RE31486-\$ or US-4559478-\$ or US-4572988-\$ or US-4663559-\$ or US-4763008-\$ or US-4829398-\$ or US-4945721-\$ or US-4947125-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2010/05/18 14:05

4949017-\$ or US-  
5001496-\$ or US-  
5053624-\$ or US-  
5077770-\$ or US-  
5087820-\$ or US-  
5089745-\$ or US-  
5095217-\$ or US-  
5147423-\$ or US-  
5179497-\$ or US-  
5247420-\$ or US-  
5270619-\$ or US-  
5276378-\$ or US-  
5289921-\$ or US-  
5305338-\$).did. or  
(US-5319518-\$ or  
US-5337330-\$ or US-  
5338938-\$ or US-  
5393975-\$ or US-  
5403383-\$ or US-  
5454003-\$ or US-  
5506431-\$ or US-  
5530249-\$ or US-  
5627815-\$ or US-  
5739640-\$ or US-  
5777338-\$ or US-  
5887233-\$ or US-  
5952600-\$ or US-  
5993521-\$ or US-  
6145298-\$ or US-  
6175120-\$ or US-  
6452338-\$ or US-  
6566887-\$ or US-  
6571125-\$ or US-  
6600804-\$ or US-  
6632723-\$ or US-  
6691927-\$ or US-  
6732059-\$ or US-  
6785114-\$ or US-  
6827824-\$ or US-  
6828552-\$ or US-  
6838201-\$).did. or  
(US-6850403-\$ or  
US-6903977-\$ or US-  
6924455-\$ or US-  
6969851-\$ or US-  
7081618-\$ or US-  
7151016-\$ or US-  
7180243-\$ or US-  
7193222-\$ or US-  
7212393-\$ or US-  
7273516-\$ or US-  
7291845-\$ or US-  
7336474-\$ or US-  
7385188-\$ or US-  
7464777-\$ or US-

		7465920-\$ or US- 7467598-\$ or US- 7583530-\$ or US- 7652910-\$ or US- 7709787-\$).did.				
L10	100	(US-20070108984-\$ or US-20020068449-\$).did. or (US-6148660-\$ or US-4258261-\$ or US-4410934-\$ or US-4507131-\$ or US-6051114-\$ or US-4286157-\$ or US-4289135-\$ or US-4488045-\$ or US-4618777-\$ or US-5199918-\$ or US-5307234-\$ or US-5341063-\$ or US-5493091-\$ or US-5644131-\$ or US-5739640-\$ or US-5781393-\$ or US-5955220-\$ or US-5969353-\$ or US-5983828-\$ or US-6117279-\$ or US-6204607-\$ or US-6208030-\$ or US-6391776-\$ or US-4246572-\$ or US-6162652-\$ or US-4547028-\$).did. or (US-4556845-\$ or US-5266904-\$ or US-5587664-\$ or US-5739696-\$ or US-5781021-\$ or US-5916715-\$ or US-6072192-\$ or US-6118137-\$ or US-4243971-\$ or US-4282081-\$ or US-4322678-\$ or US-4370611-\$ or US-4375660-\$ or US-4414298-\$ or US-4417203-\$ or US-4433286-\$ or US-4461168-\$ or US-4463315-\$ or US-4477738-\$ or US-4507194-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2010/05/18 14:05

4552998-\$ or US-  
4561711-\$ or US-  
4564251-\$ or US-  
4768972-\$ or US-  
4783625-\$ or US-  
4806848-\$ or US-  
4827737-\$).did. or  
(US-4830832-\$ or  
US-4838799-\$ or US-  
4857828-\$ or US-  
4866375-\$ or US-  
4878018-\$ or US-  
4886163-\$ or US-  
4942358-\$ or US-  
4973256-\$ or US-  
4989082-\$ or US-  
5020087-\$ or US-  
5025466-\$ or US-  
5026301-\$ or US-  
5258648-\$ or US-  
5291124-\$ or US-  
5307561-\$ or US-  
5331283-\$ or US-  
5337216-\$ or US-  
5354099-\$ or US-  
5354205-\$ or US-  
5357194-\$ or US-  
5378982-\$ or US-  
5383136-\$ or US-  
5406829-\$ or US-  
5500605-\$ or US-  
5513160-\$ or US-  
5521567-\$ or US-  
5543724-\$).did. or  
(US-5552718-\$ or  
US-5556808-\$ or US-  
5585739-\$ or US-  
5599047-\$ or US-  
5602492-\$ or US-  
5612919-\$ or US-  
5617340-\$ or US-  
5620795-\$ or US-  
5623214-\$ or US-  
5648891-\$ or US-  
5670883-\$ or US-  
5672979-\$ or US-  
5675074-\$ or US-  
5684301-\$ or US-  
5699282-\$ or US-  
5709336-\$ or US-  
5712571-\$ or US-  
5736863-\$).did.

L11	1	1 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:05
L12	1	1 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:06
L13	10	3 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:06
L14	6	3 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:06
L15	9	9 and ionization source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:06
L16	3	10 and ionization source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:06
L17	217	((non-contact or non contact) near4 substrate).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:09
L18	3	17 and (ionizat\$3 or conduct\$3 near2 (wire or ribbon))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:10

L19	2146	((non-contact or non contact) near4 substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:11
L20	53	3 and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:12
L21	2	20 and ionization source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:12
L22	62	19 and "324"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/18 14:18

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L23	151	(christopher near cline) or (edward near yarmchuk) or (vincent near arena) or (donald near merte) or (thomas near picunko) or (brian near wojszynski) or (charles near hendricks) or (michael near scamam) or (robert near olyha) or (arnold near halperin)	USPAT; UPAD	ADJ	ON	2010/05/18 14:47
L24	154963	(IBM or international business machine \$1)	USPAT; UPAD	ADJ	ON	2010/05/18 14:48

L25	101	23 and 24	USPAT; UPAD	ADJ	ON	2010/05/18 14:48
L26	0	25 and ionization source	USPAT; UPAD	ADJ	ON	2010/05/18 14:48
L27	49	25 and substrate	USPAT; UPAD	ADJ	ON	2010/05/18 14:49
L28	99	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	USPAT; UPAD	ADJ	ON	2010/05/18 14:49
L29	98	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	USPAT; UPAD	ADJ	ON	2010/05/18 14:49
L30	82	24 and ionization source	USPAT; UPAD	ADJ	ON	2010/05/18 14:50
L31	59	30 and substrate	USPAT; UPAD	ADJ	ON	2010/05/18 14:50
L32	7	((non-contact or non contact) near4 substrate).ti.	USPAT; UPAD	ADJ	ON	2010/05/18 14:50
L33	644	((non-contact or non contact) near4 substrate)	USPAT; UPAD	ADJ	ON	2010/05/18 14:51
L34	41	33 and "324"/\$.ccls.	USPAT; UPAD	ADJ	ON	2010/05/18 14:51
L35	0	33 and ionization source	USPAT; UPAD	ADJ	ON	2010/05/18 14:51

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